Quiz 1 Terminology

1.	Match the prefix	with the be	est definition
	Anti	A.	Cheek
	Lyso	В.	Fat
	Necro	C.	Joint
	Hemat	D.	Against
	Lipo	E.	Death
	Athr	F.	Gland
	Aden	G.	Blood
	Bucco	H.	Breaking down; Destruction
2			at definition
2.	Match the prefix		
	Meta	A: Ou	
	Circum		rdness
	Exo	C: Mi	
	Cycl	D: Ab	
	Sclera/o		yond; Change
	Meso		hind; After
	Super		rcle: Cycle
	Post	H: Ar	ouna
3.	Match the organ	with the pr	ocedure
	Breast	A:	Cholecystectomy
	Colon	В (Gastrectomy
	Lung	C:	Mastectomy
	Stomach	D:	Glossectomy
	Tongue	E:	Oophorectomy
	Gallbladder	F:	VAT
	Ovary	G:	Illeostomy
4.	Match the term	with the def	inition
	Abscess	A:	Surgical removal of the spleen
	Neoplasm	B:	Visual Examination of the colon
	Atypia	C:	Sac-like pocket of tissue, usually filled with fluid or air
	Cyst		Fluid-filled pocket that forms in tissue, usually due to infection
	Colonoscopy		Non-invasive tumors where cells look abnormal
	Splenectomy	F:	The science of the causes and effects of disease
	Pathology	G:	New growth

A: Cervical

B: Infraclavicular

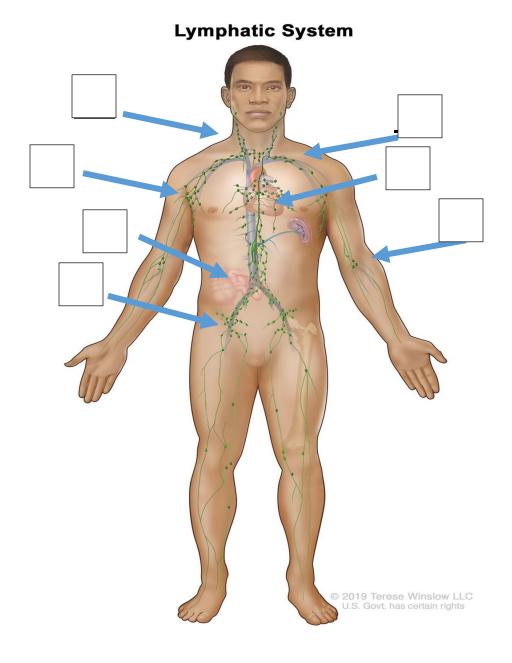
C: Mesenteric

D: Mediastinal

E: Epitrochlear

F: Axillary

G: Inguinofemoral



- 5. A thoracentesis is done to... a. Remove fluid from the lung b. Evaluate lymph nodes for malignancy
 - c. To help control the side effects of chemotherapy
 - d. To amplify the effectiveness of radiation
- 6. Malignant ascites is most likely related to
 - a. A CNS primary
 - b. A prostate primary
 - c. A breast primary
 - d. An ovarian primary
- 7. Lymph nodes are not made of the following:
 - a. T cells
 - b. B cells
 - c. Red blood cells
 - d. White blood cells
- 8. What lymph nodes are found in the groin?
 - a. Cervical
 - b. Mediastinal
 - c. Inguinal
 - d. Axillary
- 9. The Cardia is within the:
 - a. Esophagus
 - b. Larynx
 - c. Pharynx
 - d. Stomach
- 10. What carries oxygenated blood from the lungs to the heart?
 - a. Capillaries
 - b. Lymphatic vessels
 - c. Pulmonary arteries
 - d. Pulmonary veins
- 11. The peritoneum is the serous membrane forming the lining of the thoracic cavity.
 - a. True
 - b. False

- 12. The site of origin of an osteosarcoma is most likely the:
 - a. Cervix
 - b. Endometrium
 - c. Bone
 - d. Ovary
- 13. Cervical lymph nodes are NOT distant nodes for:
 - a. Lung
 - b. Pancreas
 - c. Rectum
 - d. Stomach

Quiz 2-Hematopoietic and Lymphoid Neoplasms

Participants will need to use the Hematopoietic and Lymphoid Neoplasm Database and Manual to answer questions 5-9. Participants are not asked to use their manual for questions 1-4 or 10.

1. Match the term with the appropriate definition:

Term	Definition			
Erythrocyte	A.	Platelet		
Leukocyte	В.	The watery component of blood		
Thrombocyte	C.	White blood cell		
Plasma	 D.	Red blood cell		

2. Match the Myleodysplastic Syndrome (MDS) to the appropriate definition:

Term	Answer		Definition
Myelodysplastic syndrome with single lineage dysplasia		A.	This type of MDS is uncommon. The findings in the blood and bone marrow don't fit any other type of MDS
Myelodysplastic syndrome with multilineage dysplasia		В.	This subtype involves a low number of one or more blood cell types. A characteristic feature is that existing red blood cells in the bone marrow contain rings of excess iron.
Myelodysplastic syndrome with ring sideroblasts		C.	One blood cell type — white blood cells, red blood cells or platelets — is low in number and appears abnormal under the microscope.
Myelodysplastic syndrome with isolated del(5q) chromosome abnormality		D.	In this subtype, any of the three types of blood cells — red blood cells, white blood cells or platelets — might be low and appear abnormal under a microscope. Very immature blood cells (blasts) are found in the blood and bone marrow.

Myelodysplastic syndrome with excess blasts	E.	People with this subtype have low numbers of red blood cells, and the cells have a specific mutation i their DNA.			
Myelodysplastic syndrome, unclassifiable	F.	In this subtype, two or three blood cell types are abnormal.			

- 3. Myelofibrosis is a type of:
 - a. Myelodysplastic syndrome (MDS)
 - b. White blood cell cancer
 - c. Myeloproliferative neoplasm (MPN)
 - d. Plasma cell cancer
 - e. Lymph node cancer
- 4. Which of the following statements are true about coding hematopoietic histologies? Select all that apply:
 - a. Use provider documentation to code histology when a definitive diagnostic method is not available.
 - b. If there is one histology described by ambiguous terms, the registrar should consult the notes in the HP database.
 - c. Definitive diagnostic method is unique to each HP/Lymphoid histology. There is no hierarchical order.
 - d. If there are multiple histologies described by ambiguous terminology, the registrar should code the NOS histology according to the HP database.
 - e. Definitive diagnostic methods for coding hematopoietic histologies include cytology, clinical findings, immunophenotyping, CAP protocols, pathology report addenda, and genetic testing.

- 5. A biopsy of an axillary lymph node is positive for lymphoplasmacytic lymphoma (9671/3). A bone marrow biopsy 13 days later is positive for diffuse large B-cell lymphoma (9680/3). How many primaries does the patient have and which rule applies?
 - a. Single primary per M2
 - b. Single primary per M4
 - c. Two primaries per M10
 - d. Two primaries per M11
 - e. Two primaries per M13
- 6. An FNA of a cervical lymph node is positive for lymphocyte-rich classic Hodgkin lymphoma (9651/3). Prepared slides also show evidence of mature T-cell lymphoma (9702/3). How many primaries does the patient have and what rule applies?
 - a. Single primary per M2
 - b. Single primary per M5
 - c. Single primary per M7
 - d. Two primaries per M10
 - e. Two primaries per M15
- 7. On 10/27/2023, a patient has a CT of the abdomen and pelvis which reads, "Nodular surface contour of the hepatic parenchyma suggestive of underlying cirrhosis. No splenomegaly. No mention of adenopathy". A CT of the chest done on the same day states, "Upper abdominal CT demonstrates nodular liver with borderline splenomegaly and mild ascites. No adenopathy documented". A bone marrow biopsy performed on 10/30/2023 shows "a low-grade B-cell lymphoproliferative neoplasm. No increased blasts identified". The patient is seen by a hematologist on 11/5/2023. The hematologist interprets the test and adds a note which reads, "Patient had a biopsy last week indicating focal involvement by a low-grade B-cell neoplasm (5-10%). Findings are consistent with abnormal lymphocyte aggregates. Will observe patient closely for his B-cell lymphoma. Since he is asymptomatic, there is no indication to begin treatment yet." How should the histology be coded?
 - a. Diffuse large B-cell lymphoma, NOS (9680/3)
 - b. Malignant lymphoma, non-Hodgkin, NOS (9591/3)
 - c. B-cell lymphoma, unclassifiable, with features intermediate between diffuse large B-cell lymphoma and classic Hodgkin lymphoma (9596/3)
 - d. Histiocyte-rich large B-cell lymphoma (9688/3)
 - e. ALK positive large B-cell lymphoma (9737/3)
- 8. How should the registrar code the primary site for the above case?
 - a. C77.8
 - b. C77.9
 - c. C42.1
 - d. C80.9

- 9. Which rule from Module 7 applies to coding the primary site for the above case?a. PH18b. PH19
 - c. PH21d. PH22
 - e. PH24
 - f. PH26
 - g. PH27
- 10. What is the Summary Stage for the above case?
 - a. 1/Localized
 - b. 2/Regional
 - c. 7/Distant
 - d. 8/Not Applicable

Quiz 3-Primary Site

Assume cases diagnosed 2024 unless stated otherwise

We are not asking participants to use their manuals for this quiz

- 1. A urine cytology shows malignant cells. Patient refused any further work-up.
 - a. C67.8 Overlapping lesion of the bladder
 - b. C67.9 Bladder NOS
 - c. C68.9 Urinary system NOS
 - d. C80.9 Unknown Primary
- 2. A patient is found to have two tumors in the upper outer quadrant of the same breast.
 - a. C50.1 Central portion of breast
 - b. C50.4 Upper outer quadrant of breast
 - c. C50.8 Overlapping lesion of breast
 - d. C50.9 Breast NOS
- 3. A patient with colon cancer is found to have a tumor arising in the transverse colon and spreading into the hepatic flexure. The majority of the tumor was in the transverse colon. What topography code would you assign for this case?
 - a. C18.3 Hepatic Flexure
 - b. C18.4 Transverse Colon
 - c. C18.8 Overlapping lesion of the colon
 - d. C18.9 Colon, NOS
- 4. A patient was found to have a urothelial cell carcinoma on the floor of the bladder. What topography code would you assign to this case?
 - a. C67.0 Trigone of Bladder
 - b. C67.1 Bladder Dome
 - c. C67. 5 Bladder Neck
 - d. C67.8 Overlapping lesion of the bladder
- 5. Final pathologic diagnosis: Sarcoma of the leg. What is the topography code?
 - a. C44.7 Skin of lower limb and hip
 - b. C49.2 Connective, subcutaneous and other soft tissue of the lower limb and hip
 - c. C76.5 III defined site, lower limb
 - d. C80.9 Unknown primary
- 6. Final pathologic diagnosis from liver biopsy: Cholangiocarcinoma. What is the topography code?
 - a. C22.0 Liver
 - b. C22.1 Intrahepatic bile duct
 - c. C24.0 perihilar bile duct
 - d. C80.9 Unknown primary

- 7. A patient was diagnosed with 3 tumors of the right breast. These are a single primary per the MP/H rules. One tumor is located in the lower outer quadrant and two tumors are located in the upper outer quadrant. What is the topography code?
 - a. C50.1 Central portion of breast
 - b. C50.4 Upper outer quadrant of breast
 - c. C50.8 Overlapping lesion of breast
 - d. C50.9 Breast NOS
- 8. A patient was diagnosed with a Pancoast tumor. What is the topography code?
 - a. C34.0 Mainstem bronchus
 - b. C34.1 Upper lobe of the lung
 - c. C34.2 Middle lobe of the lung
 - d. C34.9 Lung NOS

Quiz 4-Unknown Primary

- A patient had a biopsy of an abdominal mass. Pathology returned adenocarcinoma, nos. The immune-profile is most consistent with adenocarcinoma arising from stomach, duodenum, or colon. The primary site is:
 - a. C16.9 Stomach
 - b. C26.9 Gastrointestinal tract, NOS
 - c. C17Duodenum
 - d. C80.9 Unknown Primary
- 2. Pathology from a TAHBSO shows a complex adnexal mass. Specimen/procedure: Uterus, ovaries, fallopian tubes, peritoneal washings.
 - Right ovary and fallopian tube: ovarian tumor (19cm) with hemorrhagic infarction, consistent with torsion.
 - o Left ovary and fallopian tube: Benign atrophic pattern.
 - o Endometrium: Adenomyosis
 - Cervix: Slight chronic cystic cervicitis
 - o Peritoneal washings: poorly differentiated adenocarcinoma

The primary site is:

- a. C48.2 Peritoneum (female only)
- b. 56.9 Ovary
- c. C57.0 Fallopian Tube
- d. C80.9 Unknown Primary
- 3. Patient with history of malignant melanoma. Lesion frontal lobe brain biopsy: Poorly differentiated malignant melanoma. The primary site is:
 - a. C44.9 Skin, NOS
 - b. C71.1 Frontal Lobe Brain
 - c. C80.9 Unknown Primary
 - d. C76.9 Other III-defined site
- 4. For unknown primary site, code the most accurate measurement of the tumor from the surgical resection specimen for tumor size summary,
 - a. True
 - b. False

- 5. For unknown primary site, code the following for discontinuous or distant metastasis to bone identified at time of diagnosis.
 - a. 0 No bone metastasis
 - b. 1 Yes, bone metastasis
 - c. 8 Not applicable
 - d. 9 Unknown whether bone is an involved metastatic site
- 6. Patient diagnosed with unknown primary underwent surgical removal of liver lesion. The surgical procedure/other site should be coded:
 - a. 0 None
 - b. 1 Non-primary surgical procedure performed
 - c. 2 Non-primary surgical procedure to other regional site
 - d. 9 Unknown if surgery
- 7. When coding surgical margins for unknown primary cases, code:
 - a. 2 Residual tumor, NOS
 - b. 3 Margins not evaluable
 - c. 8 No Primary Site Surgery
 - d. 9 Unknown/Not Applicable
- 8. When case is unknown primary site, code reason for no surgery of the primary site to:
 - a. 0 Cancer Directed surgery performed.
 - b. 1 Cancer directed surgery not performed, not planned part of treatment.
 - c. 2 Cancer directed surgery not recommended, contraindicated due to other condition.
 - d. 9 Unknown

Quiz 5 Case Finding & Sequence

1. Circle Yes if the situation is reportable and No if the situation is not reportable according to STORE. All cases diagnosed in 2023.

a.	Yes	No	Serous Cystadenoma of the ovary, malignancy cannot be ruled out
b.	Yes	No	Verrucous papilloma, NOS
c.	Yes	No	Polycythemia vera
d.	Yes	No	CT Chest: Lesion in left lower lobe of lung
e.	Yes	No	MRI of the brain: A small pituitary tumor
f.	Yes	No	Cytology from thoracentesis: probable malignant pleural effusion.
g.	Yes	No	Multifocal breast masses, suspicious for malignancy
h	Ves	Nο	Potentially malignant transverse colon mass

- 2. Indicate whether the following diagnoses would be reportable, based on the terms provided:
 - a) Spinal Meningioma
 - b) Myelodysplastic syndrome
 - c) Follicular Adenoma
 - d) Clear cell cystic tumor of borderline malignancy
 - e) Suspicious neoplasm in R occipital lobe brain
 - f) Hypoechoic irregular mass L breast, suspicious for cancer
 - g) Peripheral blood consistent with B Lymphoblastic lymphoma
 - h) Multiple lesions back, chest, arms, most likely Kaposi sarcoma

3.	A patient was diagnosed and treated at your facility three years ago with a meningioma (9530/0)
	over the left temporal lobe. The patient now presents with a new diagnosis of adenocarcinoma of
	the lung (8140/3) and a neurofibroma (9540/0) in the central nervous system. Assuming the patient
	has no additional reportable malignancies assign a sequence (sequence hospital) to each primary as
	it would look today.

Meningioma	
Lung	
Neurofibroma	

- 4. Which of the following is an analytic case?
 - a. The patient is diagnosed at your facility and sent elsewhere for treatment
 - b. The patient receives treatment at your facility for a recurrence. There is no information on first course of treatment available.
 - c. The diagnosis is established by death certificate only
 - d. Your facility manages or treats a recurrence or progression of disease after the reference date
 - e. Cancer is diagnosed at autopsy. Prior to autopsy there was no suspicion or diagnosis of c ancer.
- 5. Which of the following is a non-analytic case?
 - a. The patient is diagnosed at the facility and it is unknown whether or not treatment was recommended or administered.
 - b. The patient is diagnosed at the facility and is referred elsewhere for treatment.
 - c. The patient was diagnosed and treated for a malignancy elsewhere and presents to your facility for treatment for recurrence or progression of disease.
 - d. The patient is diagnosed elsewhere, and all or part of the first course of treatment is per formed at the facility.
- 6. Which of the following cases are reportable to the CoC?
 - a. Melanoma (8720/3) of the skin of the arm (C44.6)
 - b. Squamous cell carcinoma (8070/3) of the anus (C21.0)
 - c. Subependyoma (9383/1) of the frontal lobe (C71.1)
 - d. Carcinoid (8420/3) of the appendix (C18.1)
 - e. All of the above

- 7. Which one of the following best describes the sequence number?
 - a. The order in which a primary tumor was accessioned into the facility's database
 - b. The order in which a primary tumor is discovered in relation to the total number of reportable tumors the patient has been diagnosed with
 - c. The number of malignant tumors over the lifetime of the patient
 - d. The total number of tumors reportable to the CoC
- 8. Casefinding is the systematic method of identifying what?
 - a. The number of cases seen by the hospital each year
 - b. All eligible cases that are to be included in the cancer registry database
 - c. All cases that were diagnosed in the pathology department
 - d. The number of patients that are treated in the hospital
 - e. The number of admissions as identified on the HIM disease indices
- 9. A patient was diagnosed and treated at your facility three years ago with a carcinoma in situ of the cervix. Your facility collects carcinoma in situ of the cervix as a reportable by agreement case. The patient now presents with a new diagnosis of lung cancer and a benign brain tumor. Assuming the patient has no additional reportable malignancies assign a sequence to each primary.

a.	Carcinoma in situ of the cervix	
b.	Lung	
С.	Benign brain tumor	

- 10. The resource that defines all diagnoses and types of cases that should be included and excluded from the registry database is called the:
 - a. Suspense system
 - b. Reportable list
 - c. Class of case
 - d. Abstract
- 11. Which of the following statements INCORRECTLY describes a case eligibility rule?
 - a. Juvenile astrocytoma should be recorded in the registry database with a behavior code of /3
 - b. Malignant primary skin cancers (primary site code of C44._) with a histology code in the range of 8000-8110 are not required to be reported by the CoC as of 1/1/2003
 - c. Carcinoma in situ of the cervix (CIS) is not required by the CoC
 - d. All tumors with a behavior code of /0 or /1 are reportable if diagnosed after 1/1/2004

Quiz 6 Class of Case

- 1. Class of case 00 includes which of the following scenarios?
 - a. Diagnosed at the reporting facility and treatment given in the staff physician's office
 - b. Diagnosed in a staff physician's office and treated in the same staff physician's office
 - c. Diagnosed at the reporting facility and treated in a non-staff physician's office
 - d. Diagnosed at the reporting facility. Patient never returned. It is unknown if the patient received treatment
 - e. All of the above
 - f. A and C only
 - g. A, B and C only
- 2. A patient was diagnosed at your facility and then referred to a non-staff medical oncologist. The Medical Oncologist did not recommend treatment due to co-morbid disease. The patient did not seek any additional consults and did not get any treatment. The patient was eventually admitted to a hospice facility. What is the Class of Case for this patient?
 - a. 00 Initial diagnosis at the reporting facility AND all treatment or a decision not to treat was done elsewhere
 - b. 11 Initial in a staff physician's office AND part of first course treatment or a decision not to treat was at the reporting facility, NOS
 - c. 14 Initial diagnosis at reporting facility AND all first course treatment or a decision not to treat was done at the reporting facility
 - d. 30 Initial diagnosis and all first course treatment elsewhere AND reporting facility participated in diagnostic workup (for example, consult only, treatment plan only, staging workup after initial diagnosis elsewhere)
- 3. A patient was diagnosed with breast cancer at another facility. She then came to your facility for an FNA of an enlarged lymph node. The FNA was positive for metastatic breast cancer. The patient went elsewhere for surgery and adjuvant treatment.
 - a. 00 Initial diagnosis at the reporting facility AND all treatment or a decision not to treat was done elsewhere
 - b. 14 Initial diagnosis at reporting facility AND all first course treatment or a decision not to treat was done at the reporting facility
 - c. 21 Initial diagnosis elsewhere AND part of first course treatment or a decision not to treat was done at the reporting facility
 - d. 30 Initial diagnosis and all first course treatment elsewhere AND reporting facility participated in diagnostic workup (for example, consult only, treatment plan only, staging workup after initial diagnosis elsewhere)

- 4. A patient was diagnosed with cancer in a physician's office by a physician with staff privileges at Hospital A and Hospital B. The patient underwent surgical resection at Hospital A and chemotherapy at Hospital B. Class of case for Hospital B is ...
 - a. 00 Initial diagnosis at the reporting facility AND all treatment or a decision not to treat was done elsewhere
 - b. 11- Initial diagnosis in staff physician's office AND part of first course treatment was done at the reporting facility
 - c. 12- Initial diagnosis in staff physician's office AND all of first course treatment was done at the reporting facility
 - d. 21- Initial diagnosis elsewhere AND part of first course treatment or a decision not to treat was done at the reporting facility
- 5. A patient is diagnosed with lung cancer at your facility. The patient does not return for staging work-up or treatment consultation. You do not know if the patient went elsewhere for additional work-up or treatment. The class of case would be...
 - a. 00 Initial diagnosis at the reporting facility AND all treatment or a decision not to treat was done elsewhere
 - b. 10 Initial diagnosis at the reporting facility or in a staff physician's office AND part or all of first course treatment or a decision not to treat was at the reporting facility, NOS
 - c. 12 Initial diagnosis in staff physician's office AND all first course treatment or a decision not to treat was done at the reporting facility
 - d. 30 Initial diagnosis and all first course treatment elsewhere AND reporting facility participated in diagnostic workup (for example, consult only, treatment plan only, staging workup after initial diagnosis elsewhere)
- 6. A patient had a shave biopsy at Facility A. The patient came to your facility (Facility B) for a wide excision. The class of case for Facility B would be...
 - a. 00 Initial diagnosis at the reporting facility AND all treatment or a decision not to treat was done elsewhere
 - b. 13 Initial diagnosis at the reporting facility AND part of first course treatment was done at the reporting facility; part of first course treatment was done elsewhere
 - c. 21 Initial diagnosis elsewhere AND part of first course treatment or a decision not to treat was done at the reporting facility
 - d. 22 Initial diagnosis elsewhere AND all first course treatment or a decision not to treat was done at the reporting facility

Bonus question...what is the class of case for facility A?

7.	7. Match the situation to the correct Class of Case from the choices below (Use each value once):						<u>:</u>):	
	A. Patient diagnosed with colon cancer in another state and travels to report for surgery.						s to reporting	facility
	В.	Diagnostic radiology at reporting facility identifies tumor in posterior fossa. Patient undergoes craniotomy at another facility for removal of hemangioblastoma.						atient
	C.		nt dies in ED at reporting facility. Subsequent autopsy reveals previously gnosed pancreatic cancer.					
	D. Patient has suspicious polyp removed during colonoscopy which is positive for adenocarcinoma.					r in situ		
	E. Diagnosed with cancer via a biopsy at the reporting facility, the patient does not return for further workup and/or treatment. No other information available.					ot		
	F.	Person in town on business is admitted for an unrelated issue and receives one of their chemotherapy treatments while an inpatient.					ie of	
G. Patient with history of LUL lobectomy presents two years later with cell neuroendocrine carcinoma.					with recurrent	Large		
	H. Following a diagnosis of pancreatic cancer at their local hospital, patient has a Whipple procedure at reporting facility. Returns home for adjuvant chemothers							
00:	:	10:	14:	20:				
21:	:	31:	32:	38:				

Quiz 7: Text

- 1. The purpose of text is:
 - a. Document policies and procedures of abstracting
 - b. Provide an extensive narrative that includes all details of the patient's cancer experience.
 - c. Document changes in the facility's ownership
 - d. Validate codes used by abstractor
 - e. Remind abstractors to read manuals carefully
- 2. Text is an important tool to:
 - a. Resolve edits
 - b. Identify transposed numbers
 - c. Assist clinical researcher understand codes
 - d. All of the above
- 3. Coded data fields do not guarantee information is accurate and complete.
 - a. True
 - b. False
- 4. The following History and Physical exam text should not include.
 - a. Primary site
 - b. Tumor location
 - c. Presenting symptoms
 - d. Non-cancer related medical conditions
- 5. When multiple procedures occur on same date, record:
 - a. Single date and all procedures done on the date
 - b. Date for each procedure
 - c. Do not record the date, only the procedures
 - d. Procedure location only
- 6. "Other" Treatment is:
 - a. Therapy provided at other facilities
 - b. Any type of cancer-directed treatment that does not "fit" into other modality definitions
 - c. Therapy provided by physicians other than surgeon
 - d. Treatment given by allied health professionals
- 7. The Operative Findings Text Fields documents
 - a. The surgeon's observations during the procedure
 - b. Surgery Dates
 - c. Step-by-step procedures performed
 - d. Endoscopic findings

- 8. Systemic Treatment text includes information about
 - a. Staging procedures
 - b. Hormone therapy
 - c. Chemotherapy
 - d. Bone Marrow Transplant
 - e. B & C